

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): James Stasiak et al

Confirmation No.:

Application No.: Unassigned

Examiner: Unassigned

Filing Date: Herewith

Group Art Unit:

Title: NANOMETER-SCALE MEMORY DEVICE UTILIZING SELF-ALIGNED RECTIFYING  
ELEMENTS AND METHOD OF MAKING

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ( ) under 37 CFR 1.97(c) together with either a:  
( ) Statement under 37 CFR 1.97(e), or  
( ) a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ( ) under 37 CFR 1.97 (d) together with a:  
( ) Statement under 37 CFR 1.97(e)(1) or (2), and  
( ) a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

( ) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EL871861305US**

Date of Deposit Jan. 27, 2004

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By Donald J. Coulman  
Typed Name: Donald J. Coulman

Respectfully submitted,

James Stasiak et al

By Donald J. Coulman  
Donald J. Coulman

Attorney/Agent for Applicant(s)  
Reg. No. **50,406**

Date: Jan. 27, 2004

**PATENT APPLICATION**

Sheet 1 of 1

FORM PTO-1449

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

**200206003-1**

APPLICATION NO.

CONFIRMATION NO.

APPLICANT

**James Stasiak, et al**

FILING DATE

**Herewith**

GROUP

**REFERENCE DESIGNATION**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	6055180	Apr 25, 2000	Gudesen, et al	
	1B	2001005709	Dec 27, 2001	Heath, et al	
	1C	20020130353	Sep 19, 2002	Lieber, et al	
	1D	20030021141	Jan 30, 2003	Segal, et al	
	1E	20030124325	Jul 03, 2003	Rueckes, et al	
	1F	20030124837	Jul 03, 2003	Rueckes, et al	
	1G	5772905	Jun 30, 1998	Chou	
	1H	6103540	Aug 15, 2000	Russell, et al	
	1I	6165911	Dec 26, 2000	Calveley	
	1J	6190929	Feb 20, 2001	Wang, et al	
	1K	6208553	Mar 27, 2001	Gryko, et al	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

	1Q	"Optical Rectenna For Direct Conversion of Sunlight to Electricity" B. Berland, L. Simpson, G. Nuebel, T. Collins, and B. Lanning; From: ITN Entegy Systems, Inc., 8130 Shaffer Parkway Littleton, CO 80127; pp 323-324
	1R	
	1S	

EXAMINER

DATE CONSIDERED

**PATENT APPLICATION**

Sheet 2 of 2

<p><b>FORM PTO-1449</b></p> <p><b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b></p> <p align="center">(Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO. <b>200206003-1</b></p>	<p>APPLICATION NO.</p>	<p>CONFIRMATION NO.</p>		
<p>APPLICANT <b>James Stasiak, et al</b></p>					
<table style="width:100%;"> <tr> <td style="width:60%;">FILING DATE <b>Herewith</b></td> <td>GROUP</td> </tr> </table>				FILING DATE <b>Herewith</b>	GROUP
FILING DATE <b>Herewith</b>	GROUP				

**REFERENCE DESIGNATION                      U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	2A	6248674	Jun 19, 2001	Kamins, et al	
	2B	6272038	Aug 07, 2001	Clausen, et al	
	2C	6375870	Apr 23, 2002	Visovsky, et al	
	2D	6574130	Jun 03, 2003	Segal, et al	
	2E				
	2F				
	2G				
	2H				
	2I				
	2J				
	2K				

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	2L					
	2M					
	2N					
	2O					
	2P					

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

	2Q	
	2R	
	2S	

EXAMINER	DATE CONSIDERED
----------	-----------------